

STEEL SPRINKLER PIPE · PRODUCT DATA SHEET

Steel Sprinkler Pipe

TN-PP

UL / FM available

Black, red-painted or galvanized carbon steel pipe in Schedule 10 and Schedule 40 for fire sprinkler systems, with plain, roll-grooved or threaded ends.

Part nos.	TN-PP-S10 (Schedule 10) · TN-PP-S40 (Schedule 40) · TN-PP-S40T (Schedule 40 threaded, 1" to 2")
Standards	Steel pipe to ASTM A53 / A795 / A135, made for NFPA 13 sprinkler systems
Sizes	Sch 10: 1-1/4" to 8", also 10" and 12". Sch 40: 1" to 12". Larger sizes on request.
Length	21 ft (6.4 m) standard; 24 ft on request
Ends	Plain, grooved (roll-grooved), or threaded (Sch 40 only, up to 2")
Finish	Black, red-painted (primer) or galvanized
Approvals	UL / FM available. See Quality & Approvals; contact us for project requirements.
Installation	Install in accordance with NFPA 13, the project specifications and the authority having jurisdiction.

Sizes and dimensions

Nominal outside diameter and nominal wall thickness per ASME B36.10M, as referenced by ASTM A795 / A53 / A135. Tolerances per the applicable ASTM standard. Schedule 10 is not offered in 1". Other wall thicknesses on request.

Nominal size	OD (in)	OD (mm)	Sch 10 wall (in)	Sch 10 wall (mm)	Sch 40 wall (in)	Sch 40 wall (mm)
1"	1.315	33.4	—	—	0.133	3.38
1-1/4"	1.660	42.2	0.109	2.77	0.140	3.56
1-1/2"	1.900	48.3	0.109	2.77	0.145	3.68
2"	2.375	60.3	0.109	2.77	0.154	3.91
2-1/2"	2.875	73.0	0.120	3.05	0.203	5.16
3"	3.500	88.9	0.120	3.05	0.216	5.49
3-1/2"	4.000	101.6	0.120	3.05	0.226	5.74
4"	4.500	114.3	0.120	3.05	0.237	6.02
5"	5.563	141.3	0.134	3.40	0.258	6.55
6"	6.625	168.3	0.134	3.40	0.280	7.11
8"	8.625	219.1	0.148	3.76	0.322	8.18
10"	10.750	273.1	0.165	4.19	0.365	9.27
12"	12.750	323.8	0.180	4.57	0.406	10.31